

SEQUENCE LISTING

<110> Kawaoka, Yoshihiro

<120> VIRUSES COMPRISING MUTANT ION CHANNEL PROTEIN

<130> 800.026US1

<150> US 60/197,209

<151> 2000-04-14

<160> 35

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<212> DNA

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19

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<223> A primer

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gttggtgctc caactatc

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 <223> The end of a PCR product

 <221> misc_feature
 <222> (1)...(18)
 <223> n = A, T, C or G

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 cgtctcntat tagtagaa 18

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BsmBI

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influenzal viral cDNA that was cloned into the
vector

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<213> Artificial Sequence

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<223> A primer

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48

<210> 31

<211> 47

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47

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<212> DNA

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46

<210> 35

<211> 19

<212> PRT

<213> Influenza A virus

<400> 35

Pro Leu Val Val Ala Ala Ser Ile Ile Gly Ile Leu His Leu Ile Leu

1

5

10

15

Trp Ile Leu

Pro Leu Val Val Ala Ala Ser Ile Ile Gly Ile Leu His Leu Ile Leu
1 5 10 15
Trp Ile Leu